

What is claimed is:

1. A fuel tank assembly for a motor vehicle having a body, a body floor and a pair of parallel chassis frame rails supporting the body, the fuel tank assembly comprising:

a fuel tank supported between the frame rails under the body floor; and

a filler neck having an inlet on a side of the motor vehicle, the filler neck connecting the inlet to the fuel tank and the filler neck having a varying cross sectional profile from the inlet to the fuel tank.

2. The fuel tank assembly as claimed in claim 1, the filler neck further having a varying cross sectional area from the inlet to the fuel tank.

3. The fuel tank assembly as claimed in claim 2, the filler neck having a circular cross sectional profile adjacent the inlet, flattening to an oblong cross sectional shape where it passes over one of the frame rails and resuming a circular cross sectional shape adjacent the fuel tank.

4. The fuel tank assembly as claimed in claim 3, the filler neck having a greater cross sectional area adjacent the fuel tank than adjacent the inlet.

5. A motor vehicle comprising:

a chassis including a pair of spaced, parallel frame rails from front to rear of the vehicle;

a vehicle body having a floor supported from the pair of spaced, parallel frame rails leaving

an spacing between the floor and the frame rails;

a fuel tank positioned between the pair of spaced, parallel frame rails; and

a filler neck having an inlet along a side of the motor vehicle, an outlet to the fuel tank and an intermediate section connecting the inlet to the outlet over one of the frame rails below the floor, the intermediate section having a different cross sectional shape in the intermediate section than adjacent the inlet and outlet.

6. The motor vehicle of claim 5, the filler neck further comprising:

a cross sectional area which increases in steps from the intermediate section to the portion of the filler neck adjacent the outlet.

7. The motor vehicle of claim 6, the filler neck further comprising:

a cross sectional area which increases in steps from the portion of the filler neck adjacent the inlet to the intermediate section.

8. The motor vehicle of claim 7, the filler neck further comprising:

the portions of the filler neck adjacent the inlet and the outlet being circular.

9. The motor vehicle of claim 8, the filler neck further comprising:

the intermediate section of filler neck being oblong.